

Claims

[c1] We claim as our invention:

1. A method for forming preforms for a golf club head, the preforms composed of plies of pre-preg sheets, the method comprising:

placing a plurality of plies of pre-preg sheets in a mold cavity of a mold, the mold cavity configured to define a preform for a component of a golf club head;

lowering a plunger head along a longitudinal axis toward the mold cavity, the plunger head configured to compress the plurality of plies of pre-preg sheets into a component of a golf club head;

compressing the plurality of plies of pre-preg sheets with the plunger head to form a component of a golf club head; and

removing the component of a golf club head from the mold cavity.

[c2] 2. A method for forming a sole component for a golf club head, the sole component composed of plies of pre-preg sheets, the method comprising:

placing a first plurality of plies of pre-preg sheets in a mold cavity of a mold, the mold cavity configured to de-

fine a sole component for a golf club head;
lowering a first plunger head along a longitudinal axis toward the mold cavity, the first plunger head configured to compress the first plurality of plies of pre-preg sheets into a sole component for a golf club head, the plunger head composed of an elastomeric material having a durometer of 25 Shore A to 85 Shore A;
compressing the first plurality of plies of pre-preg sheets with the first plunger head to form a sole component for a golf club head;
replacing the first plunger head with a second plunger head, the second plunger head smaller in volume than the first plunger head;
placing a second plurality of plies of pre-preg sheets in the mold cavity over the first plurality of plies of pre preg sheets;
lowering the second plunger head along a longitudinal axis toward the mold cavity, the first plunger head configured to compress the second plurality of plies of pre-preg sheets into a sole component for a golf club head;
compressing the second plurality of plies of pre-preg sheets with the second plunger head to form a sole component for a golf club head;
removing the sole component of a golf club head from the mold cavity.

[c3] 3. A method for forming a crown component for a golf club head, the crown component composed of plies of pre-preg sheets, the method comprising:
placing a plurality of plies of pre-preg sheets in a mold cavity, the mold cavity configured to define a crown component for a golf club head;
lowering a plunger head along a longitudinal axis toward the mold cavity, the plunger head configured to compress the plurality of plies of pre-preg sheets into a crown component for a golf club head;
compressing the plurality of plies of pre-preg sheets with the plunger head to form a crown component for a golf club head; and
removing the crown component for a golf club head from the mold cavity.